

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Goosey et al.  
 Application No.: 09/172,533  
 Filed: October 14, 1998  
 For: ELECTROLESS PLATING PROCESS

Group No.: 1762  
 Examiner: B. Talbot  
 COPY OF PAPERS  
 ORIGINALLY FILED

Assistant Commissioner for Patents  
 Washington, D.C. 20231

AMENDMENT TRANSMITTAL

- Transmitted herewith is an amendment for this application.

STATUS

- Applicant is  
☐ a small entity.  
☒ other than a small entity.

EXTENSION OF TERM

*NOTE: "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.*

*If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period*

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service with sufficient postage as Express Mail Post Office to Addressee, Label No. EV097095689US in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

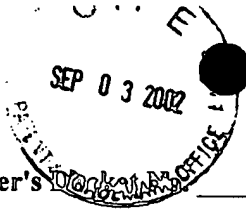
Peter F. Corless

(type or print name of person certifying)

Date: August 22, 2002

(Amendment Transmittal—page 1 of 4)

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unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

NOTE: See 37 C.F.R. 1.645 for extensions of time in interference proceedings, and 37 C.F.R. 1.550(c) for extensions of time in reexamination proceedings.

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for the total number of months checked below:

|                          | Extension<br>(months) | Fee for other than<br><u>small entity</u> | Fee for<br><u>small entity</u> |
|--------------------------|-----------------------|---|--------------------------------|
| <input type="checkbox"/> | one month             | \$110.00                                  | \$55.00                        |
| <input type="checkbox"/> | two months            | \$400.00                                  | \$200.00                       |
| <input type="checkbox"/> | three months          | \$920.00                                  | \$460.00                       |
| <input type="checkbox"/> | four months           | \$1,440.00                                | \$720.00                       |
| <input type="checkbox"/> | five months           | \$1,960.00                                | \$980.00                       |

Fee: \$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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# FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

| (Col. 1) (Col. 2) (Col. 3) SMALL ENTITY            |         |                                 |               |           | OTHER THAN A SMALL ENTITY |    |                     |            |
|--|---------|---------------------------------|---------------|-----------|---------------------------|----|---------------------|------------|
| Claims Remaining After Amendment                   |         | Highest No. Previously Paid For | Present Extra | Rate      | Addit. Fee                | OR | Rate                | Addit. Fee |
| Total  | * Minus | **                              | =             | x \$9 =   | \$0                       |    | x \$18 =            | \$         |
| Indep.   | * Minus | ***                             | =             | x \$42 =  | \$0                       |    | x \$84 =            | \$ 0       |
| [ ] First Presentation of Multiple Dependent Claim |         |                                 |               | + \$140 = | \$0                       |    | + \$280 =           | \$ 0       |
|  |         |                                 |               |           | Total Addit. Fee \$       | OR | Total Addit. Fee \$ |            |

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made canceling claims or complying with any requirement of form which has been made." 37 C.F.R. 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

- (c) [X] No additional fee for claims is required.  
 OR  
 (d) [ ] Total additional fee for claims required \$ \_\_\_\_\_.

## FEE PAYMENT

5. [ ] Attached is a check in the sum of \$ \_\_\_\_\_.  
 [ ] Charge Account No. 04-1105 the sum of \$ \_\_\_\_\_.  
 A duplicate of this transmittal is attached.

## FEE DEFICIENCY

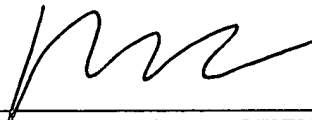
**NOTE:** If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. [X] If any additional extension and/or fee is required, charge Account No. 04-1105.  
 AND/OR

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[X] If any additional fee for claims is required, charge Account No. 04-1105.

  
\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

Reg. No. 33,860

Peter F. Corless

*(type or print name of practitioner)*

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Docket No. 50278

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT: Goosey et al.  
SERIAL NO.: 09/172,533 GROUP: 1762  
FILED: October 14, 1998 EXAMINER: B. Talbot  
FOR: ELETROLESS PLATING PROCESS

THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, DC 20231

SIR:

AMENDMENT

Applicants are in receipt of the Office Action dated May 22, 2002. Please amend the application as follows.

IN THE CLAIMS

Please cancel claims 3 and 4 without prejudice.

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1. (twice amended) A process for metal deposition, the process comprising providing an aqueous solution comprising a non-colloidal metal activator, contacting a part to be plated with the aqueous solution of the metal activator for a time sufficient for the metal activator to adsorb onto the part, the metal activator selected from the group consisting of silver, cobalt, ruthenium, cerium, iron, manganese, nickel, rhodium and vanadium,

contacting the part with a reducing agent capable of reducing the metal activator to a lower oxidation state, and metal plating the part by contact with a plating solution.

2. (twice amended) A process for electroless metal deposition of an organic resin part, comprising

etching the part with reactive hydroxyl species while catalyzing the part with a non-colloidal electroless metal plating catalyst, and